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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

|                        |   |
|------------------------|---|
| Attorney Docket No.    | PU020013  |
| First Inventor         | John William Richardson                                     |
| Title                  | PHYSICAL LAYER RECOVERY IN A STREAMING DATA DELIVERY SYSTEM |
| Express Mail Label No. | EV050841975US   |

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 14]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Pages]
  - ☐ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☐ Other: \_\_\_\_\_

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
Prior application information: Examiner \_\_\_\_\_

of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Group / Art Unit: \_\_\_\_\_

**For CONTINUATION or DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label  or ☒ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

|         |                                   |           |                |          |                |
|---------|-----------------------------------|-----------|----------------|----------|----------------|
| Name    | JOSEPH S. TRIPOLI                 |           |                |          |                |
|         | THOMSON MULTIMEDIA LICENSING INC. |           |                |          |                |
| Address | 2 INDEPENDENCE WAY                |           |                |          |                |
|         | P. O. BOX 5312                    |           |                |          |                |
| City    | PRINCETON                         | State     | NJ             | Zip Code | 08543-5312     |
| Country | USA                               | Telephone | (609) 734-9443 | Fax      | (609) 734-9700 |

|                   |   |                                   |              |
|-------------------|---|-----------------------------------|--------------|
| Name (Print/Type) | Joseph J. Kolodka   | Registration No. (Attorney/Agent) | 39,731       |
| Signature         |  | Date                              | 11 Jan, 2002 |

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) 740**Complete if Known**

|                      |                         |
|----------------------|-------------------------|
| Application Number   |                         |
| Filing Date          | HEREWITH                |
| First Named Inventor | John William Richardson |
| Examiner Name        |                         |
| Group / Art Unit     |                         |
| Attorney Docket No.  | PU020013                |

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

07-0832

Deposit  
Account  
Name

THOMSON multimedia Licensing Inc.

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

**FEE CALCULATION****1. BASIC FILING FEE**

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101                  | 740                   | 201                  | 370                   | Utility filing fee     | 740      |
| 106                  | 330                   | 206                  | 165                   | Design filing fee      |          |
| 107                  | 510                   | 207                  | 255                   | Plant filing fee       |          |
| 108                  | 740                   | 208                  | 370                   | Reissue filing fee     |          |
| 114                  | 160                   | 214                  | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$ 740)

**2. EXTRA CLAIM FEES**

|                       |    |        | Extra<br>Claims |   | Fee from<br>below |   | Fee<br>Paid |
|-----------------------|----|--------|-----------------|---|-------------------|---|-------------|
| Total Claims          | 19 | -20 ** | = 0             | X | 18                | = | 0           |
| Independent<br>Claims | 2  | -3 **  | = 0             | X |                   | = | 0           |
| Multiple<br>Dependent |    |        |                 | X |                   | = | 0           |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103                  | 18                    | 203                  | 9                     | Claims in excess of 20                                     |
| 102                  | 84                    | 202                  | 42                    | Independent claims in excess of 3                          |
| 104                  | 280                   | 204                  | 140                   | Multiple dependent claim, if not paid                      |
| 109                  | 84                    | 209                  | 42                    | ** Reissue independent claims over original patent         |
| 110                  | 18                    | 210                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**

| Fee<br>Code | Large<br>Entity<br>Fee<br>(\$) | Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee<br>Paid |
|-------------|--------------------------------|-------------|--------------------------------|--|-------------|
| 105         | 130                            | 205         | 65                             | Surcharge - late filing fee or oath  |             |
| 127         | 50                             | 227         | 25                             | Surcharge - late provisional filing fee or cover sheet.                    |             |
| 139         | 130                            | 139         | 130                            | Non-English specification  |             |
| 147         | 2,520                          | 147         | 2,520                          | For filing a request for reexamination                                     |             |
| 112         | 920*                           | 112         | 920*                           | Requesting publication of SIR prior to Examiner action                     |             |
| 113         | 1,840*                         | 113         | 1,840*                         | Requesting publication of SIR after Examiner action                        |             |
| 115         | 110                            | 215         | 55                             | Extension for reply within first month                                     |             |
| 116         | 400                            | 216         | 200                            | Extension for reply within second month                                    |             |
| 117         | 920                            | 217         | 460                            | Extension for reply within third month                                     |             |
| 118         | 1,440                          | 218         | 720                            | Extension for reply within fourth month                                    |             |
| 128         | 1,960                          | 228         | 980                            | Extension for reply within fifth month                                     |             |
| 119         | 320                            | 219         | 160                            | Notice of Appeal   |             |
| 120         | 320                            | 220         | 160                            | Filing a brief in support of an appeal                                     |             |
| 121         | 280                            | 221         | 140                            | Request for oral hearing   |             |
| 138         | 1,510                          | 138         | 1,510                          | Petition to institute a public use proceeding                              |             |
| 140         | 110                            | 240         | 55                             | Petition to revive - unavoidable   |             |
| 141         | 1,280                          | 241         | 640                            | Petition to revive - unintentional   |             |
| 142         | 1,280                          | 242         | 640                            | Utility issue fee (or reissue)   |             |
| 143         | 460                            | 243         | 230                            | Design issue fee   |             |
| 144         | 620                            | 244         | 310                            | Plant issue fee  |             |
| 122         | 130                            | 122         | 130                            | Petitions to the Commissioner  |             |
| 123         | 50                             | 123         | 50                             | Processing fee under 37 CFR 1.17 (q)                                       |             |
| 126         | 180                            | 126         | 180                            | Submission of Information Disclosure Stmt                                  |             |
| 581         | 40                             | 581         | 40                             | Recording each patent assignment per property (times number of properties) |             |
| 146         | 740                            | 246         | 370                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |             |
| 149         | 740                            | 249         | 370                            | For each additional invention to be examined (37 CFR § 1.129(b))           |             |
| 179         | 740                            | 279         | 370                            | Request for Continued Examination (RCE)                                    |             |
| 169         | 900                            | 169         | 900                            | Request for expedited examination of a design application                  |             |

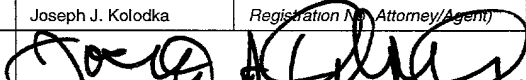
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 0)

**SUBMITTED BY****Complete (if applicable)**

|                   |   |                  |        |           |              |
|-------------------|---|------------------|--------|-----------|--------------|
| Name (Print/Type) | Joseph J. Kolodka   | Registration No. | 39,731 | Telephone | 609-734-9744 |
| Signature         |  |                  |        | Date      | 11 Jan, 2002 |

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